

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave.St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 70.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-002301**Date Inspected:** 19-Dec-2007**Project Name:** SAS Superstructure**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Contractor:** Japan Steel Works**OSM Arrival Time:** 830**OSM Departure Time:** 1900**Location:** Muroran, Japan**CWI Name:****CWI Present:****Yes No****Inspected CWI report:** **Yes No N/A****Rod Oven in Use:** **Yes No N/A****Electrode to specification:** **Yes No N/A****Weld Procedures Followed:** **Yes No N/A****Qualified Welders:** **Yes No N/A****Verified Joint Fit-up:** **Yes No N/A****Approved Drawings:** **Yes No N/A****Approved WPS:** **Yes No N/A****Delayed / Cancelled:** **Yes No N/A****Bridge No:** 34-0006**Component:** PQR test**Summary of Items Observed:**

JSW Mr. Itoh Yoshihiro provided a welder qualification package to Caltrans QAI information. The package included a list of twelve welder's qualification for SMAW & FCAW welding with 1G and 2G welding position, a wire certification of E71T-1, two WPS used for SMAW and FCAW process and a test plate lay out drawing with measurement details. The welder test standard is in accordance with ASME IX 2005. The welders test is scheduled on Thursday Dec-20-07 in #2 welding shop. Based on Caltrans observations of the welder qualification package, the electrode certification of LB-52 for SMAW welding is missing in the package. Today, SMR Mr. Venkatesh Iyer arrived to JSW shop and has meeting with JSW representative regard the process of casting of cable saddle and welding. For meeting details check with his daily report.

**Summary of Conversations:**

JSW Mr. Itoh Yoshihiro informed Caltrans QAI that electrode certification of LB-52 will send to Caltrans tomorrow morning.

**Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Venkatesh Iyer (858)697-6363, who represents the Office of Structural Materials for your project.

**Inspected By:** Pau,Wai

Quality Assurance Inspector

---

## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

---

**Reviewed By:** Brasel,Ron

QA Reviewer